

**WHAT IS CLAIMED IS:**

1. A video recording/reproducing apparatus with tuner, comprising:

a tuner for inputting a radio frequency television signal on a plurality of channels  
and outputting a base-band television signal of any one of the channels;

5 a modulator for modulating the base-band television signal;

an outputter for outputting the radio frequency television signal modulated by said  
modulator onto a video display with tuner;

a searcher for searching a having-no-station channel from among the channels;

10 a first setter for setting a frequency of the having-no-station channel to said  
modulator; and

a presetter for presetting a having-station channel included in the channels to said  
tuner after completing frequency setting to said modulator.

2. A video recording/reproducing apparatus with tuner according to claim 1,  
further comprising:

15 an instructor to be enabled after completing the frequency setting to said  
modulator and instruct suspension of presetting; and

a disabler for disabling said presetter in response to an instruction of said  
instructor.

20 3. A video recording/reproducing apparatus with tuner according to claims 1,  
wherein said searcher includes determiner to determine as to having-station/having-no-  
station for predetermined channels that should have no station,

said first setter setting a frequency of any one of the predetermined channels based  
on a result of determination by said determiner.

25 4. A video recording/reproducing apparatus with tuner according to claim 3,  
further comprising:

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a first displayer for selectively displaying channel numbers of the predetermined channels at a predetermined time interval when each of the predetermined channels is not determined as having-no-station;

a selector for selecting any of the predetermined channels; and

5 a second setter for setting a frequency of channel selected by said selector to said modulator.

5. A video recording/reproducing apparatus with tuner according to claim 4, further comprising second displayer for displaying a channel number of a frequency having been set in said modulator.

10 6. A video recording/reproducing apparatus with tuner according to claim 3, further comprising:

a generator for generating a character signal;

a combiner for combining the character signal with the base-band television signal; and

15 a third setter for selectively setting frequencies of the predetermined channels to said modulator at a predetermined time interval.

7. A video recording/reproducing apparatus with tuner according to claim 6, further comprising a controller for controlling said generator to generate a character signal related to a frequency having been set by said third setter.

20 8. A video recording/reproducing apparatus with tuner according to claim 6, further comprising a third displayer for displaying a channel number of a frequency having been set by said third setter.